

CLAIMS

WHAT IS CLAIMED IS:

1. A fire fighting system, comprising:

5 pumping at least 2000 gpm water from a large water reservoir
toward an industrial hazard; and

10 adding, in an around-the-pump system, at least one water additive
from an additive source to the pumped water through a fitting at least
initially separate from the pump, the fitting established on a suction side of
the pump and in fluid communication between a reservoir outlet and the suction
side.

15 2. The system of claim 1 including adding a water additive to a
line through the fitting, the line in fluid communication between

- 20 1) a source of additive and a suction side
of the pump and between
2) a reservoir outlet and a suction side of
the pump.

3. The system of claim 1 including locating the fitting at a reservoir
outlet.

25 4. The system of claim 1 including locating the fitting at a suction
side of the pump.

30 5. The system of claim 1 including locating the fitting in a line
leading from a reservoir outlet to a suction side of the pump.

6. The system of claim 1 wherein the around-the-pump system includes
porting, through a line established on a discharge side of the pump, at least
a portion of water from the discharge side to a suction side of the pump.

35 7. The system of claim 6 wherein the porting includes porting through a
jet pump in fluid communication with a source of water additive.

8. The system of claim 1 wherein the water additive includes foam
concentrate.

5

10

15

20

25

30

35

G:\Shaper\Williams\50051 Patent Application.doc

